Index of authors and papers to volume 113

Abdullaev, F.Kh. and Abdumalikov, A.A., Evolution of randomly perturbed sine-Gordon kink 113 (1998) 115
Abdumalikov, A.A., see Abdullaev, F.Kh. 113 (1998) 115
Alekseev, K.N., Cannon, E.H., McKinney, J.C., Kusmartsev, F.V. and Campbell, D.K., Symmetry-breaking and chaos in electron transport in semiconductor superlattices 113 (1998) 129
Aubry, S., see Cretegny, T. 113 (1998) 162
Aubry, S., see Floría, L.M. 113 (1998) 387
Aubry, S., see Kalosakas, G. 113 (1998) 228
Aubry, S., see Lorenzo, J.P. 113 (1998) 276
Aubry, S., see Marín, J.L. 113 (1998) 283
Aubry, S., see Proville, L. 113 (1998) 307

Baesens, C., Kim, S. and MacKay, R.S., Localised modes on localised equilibria 113 (1998) 242
Baroni, L., Cuccoli, A., Tognetti, V. and Vaia, R., Quantum effects on the localization of a particle in a double-well potential 113 (1998) 374
Bonart, D., Rössler, T. and Page, J.B., Intrinsic localized modes in complex lattice dynamical systems 113 (1998) 123
Bonilla, L.L., Vicente, C.J.P. and Spigler, R., Time-periodic phases in populations of nonlinearly coupled oscillators with bimodal frequency distributions 113 (1998) 79
Bountis, T., see Kollmann, M. 113 (1998) 397
Bountis, T.C., see Rothos, V.M. 113 (1998) 326
Braun, O.M., Chubykalo, O.A., Kivshar, Yu.S. and Valkering, T.P., The Frenkel–Kontorova model with a transverse degree of freedom: kinks structures 113 (1998) 152
Brown, D.W. and Lindenberg, K., Looking for soliton signatures in polar on Bloch states 113 (1998) 267
Buceta, J., Pastor, J.M., Rubio, M.A. and de la Rubia, F.J., Small scale properties of the stochastic stabilized Kuramoto–Sivashinsky equation 113 (1998) 166
Busch, K., see Lidorikis, E. 113 (1998) 346

Campbell, D.K., see Alekseev, K.N. 113 (1998) 129
Cannon, E.H., see Alekseev, K.N. 113 (1998) 129
Castaing, B., see Naert, A. 113 (1998) 73
Chabaud, B., see Naert, A. 113 (1998) 73
Chan, C.T., see Lidorikis, E. 113 (1998) 346
Christiansen, P.L., see Rasmussen, K.Ø. 113 (1998) 134
Chubykalo, O.A., González, J.M. and González, J., Avalanches as propagating domain walls in a micromagnetic model 113 (1998) 382
Chubykalo, O.A., see Braun, O.M. 113 (1998) 152

Index of authors and papers to volume 113

Abdullaev, F.Kh. and Abdumalikov, A.A., Evolution of randomly perturbed sine-Gordon kink 113 (1998) 115
Abdumalikov, A.A., see Abdullaev, F.Kh. 113 (1998) 115
Alekseev, K.N., Cannon, E.H., McKinney, J.C., Kusmartsev, F.V. and Campbell, D.K., Symmetry-breaking and chaos in electron transport in semiconductor superlattices 113 (1998) 129
Aubry, S., see Cretegny, T. 113 (1998) 162
Aubry, S., see Floría, L.M. 113 (1998) 387
Aubry, S., see Kalosakas, G. 113 (1998) 228
Aubry, S., see Lorenzo, J.P. 113 (1998) 276
Aubry, S., see Marín, J.L. 113 (1998) 283
Aubry, S., see Proville, L. 113 (1998) 307

Baesens, C., Kim, S. and MacKay, R.S., Localised modes on localised equilibria 113 (1998) 242
Baroni, L., Cuccoli, A., Tognetti, V. and Vaia, R., Quantum effects on the localization of a particle in a double-well potential 113 (1998) 374
Bonart, D., Rössler, T. and Page, J.B., Intrinsic localized modes in complex lattice dynamical systems 113 (1998) 123
Bonilla, L.L., Vicente, C.J.P. and Spigler, R., Time-periodic phases in populations of nonlinearly coupled oscillators with bimodal frequency distributions 113 (1998) 79
Bountis, T., see Kollmann, M. 113 (1998) 397
Bountis, T.C., see Rothos, V.M. 113 (1998) 326
Braun, O.M., Chubykalo, O.A., Kivshar, Yu.S. and Valkering, T.P., The Frenkel–Kontorova model with a transverse degree of freedom: kinks structures 113 (1998) 152
Brown, D.W. and Lindenberg, K., Looking for soliton signatures in polar on Bloch states 113 (1998) 267
Buceta, J., Pastor, J.M., Rubio, M.A. and de la Rubia, F.J., Small scale properties of the stochastic stabilized Kuramoto–Sivashinsky equation 113 (1998) 166
Busch, K., see Lidorikis, E. 113 (1998) 346

Campbell, D.K., see Alekseev, K.N. 113 (1998) 129
Cannon, E.H., see Alekseev, K.N. 113 (1998) 129
Castaing, B., see Naert, A. 113 (1998) 73
Chabaud, B., see Naert, A. 113 (1998) 73
Chan, C.T., see Lidorikis, E. 113 (1998) 346
Christiansen, P.L., see Rasmussen, K.Ø. 113 (1998) 134
Chubykalo, O.A., González, J.M. and González, J., Avalanches as propagating domain walls in a micromagnetic model 113 (1998) 382
Chubykalo, O.A., see Braun, O.M. 113 (1998) 152

Cilla, S. and Floría, L.M., Internal degrees of freedom in a thermodynamical model for intracell biological transport 113 (1998) 157
Cretegny, T. and Aubry, S., Patterns of energy flux in periodic solutions of Klein–Gordon lattices 113 (1998) 162
Cuccoli, A., see Baroni, L. 113 (1998) 374

de la Rubia, F.J., see Buceta, J. 113 (1998) 166

Elstner, M., Galli, G. and Suhai, S., Dynamics of breathers and kink–antikink collisions in trans-polyacetylene studied by an all-valence electron tight-binding Hamiltonian 113 (1998) 338

Falo, F., see Floría, L.M. 113 (1998) 387
Farago, J. and Peyrard, M., A first approach to reaction kinetics in large molecules 113 (1998) 297
Fillaux, F., The Pauli principle and the vibrational dynamics of protons in solids: A new spin-related symmetry 113 (1998) 172
Flach, S., Energy properties of discrete breathers 113 (1998) 184
Floría, L.M., Marín, J.L., Aubry, S., Martínez, P.J., Falo, F. and Mazo, J.J., Josephson-junction ladder: A benchmark for nonlinear concepts 113 (1998) 387
Floría, L.M., see Cilla, S. 113 (1998) 157
Floría, L.M., see Marín, J.L. 113 (1998) 283
Flytzanis, N., Malomed, B.A. and Neuper, A., Odd and even intrinsic modes in diatomic nonlinear lattices 113 (1998) 191

Gaididei, Yu.B., see Rasmussen, K.Ø. 113 (1998) 134
Galli, G., see Elstner, M. 113 (1998) 338
García-Ojalvo, J., see Sancho, J.M. 113 (1998) 331
González, J., see Chubykalo, O.A. 113 (1998) 382
González, J.M., see Chubykalo, O.A. 113 (1998) 382
Grimshaw, R., He J. and Malomed, B.A., Nonlinear analysis of instability produced by linear mode coupling 113 (1998) 26
Guo, H., see Sancho, J.M. 113 (1998) 331

He J., see Grimshaw, R. 113 (1998) 26
Hébral, B., see Naert, A. 113 (1998) 73
Hennig, D., Bounds on the energy exchange and freezing of the actions in the Holstein model 113 (1998) 196
Homma, S., Thermodynamic properties of coupled sine-lattice. I: A method of calculation of a partition function 113 (1998) 202
Howard, I.A., Sharma, R. and Mittal, R., Motion of ionic and orientational defects in a hydrogen-bonded chain 113 (1998) 212
Hua, B.L. and Klein, P., An exact criterion for the stirring properties of nearly two-dimensional turbulence 113 (1998) 98

Ivić, Z., The role of solitons in charge and energy transfer in 1D molecular chains 113 (1998) 218

Johansson, M., see Rasmussen, K.Ø. 113 (1998) 134

Kalosakas, G. and Aubry, S., Polarobreathers in a generalized Holstein model 113 (1998) 228
Kawasaki, K., see Takeno, S. 113 (1998) 366
Kenkre, V.M., What do polarons owe to their harmonic origins? 113 (1998) 233
Kim, S., see Baesens, C. 113 (1998) 242
Kivshar, Yu.S., Zhang, F. and Takeno, S., Nonlinear surface modes in monoatomic and diatomic lattices 113 (1998) 248
Kivshar, Yu.S., see Braun, O.M. 113 (1998) 152
Klein, P., see Hua, B.L. 113 (1998) 98
Knobloch, E., see Tobias, S.M. 113 (1998) 43
Kollmann, M. and Bountis, T., A Mel'nikov approach to soliton-like solutions of systems of discretized nonlinear Schrödinger equations 113 (1998) 397
Konotop, V.V. and Takeno, S., Excitons in a system with exchange and dipole–dipole interactions 113 (1998) 261
Kubota, M., see Takeno, S. 113 (1998) 366
Kusmartsev, F.V., see Alekseev, K.N. 113 (1998) 129

Li, Q., see Lidorikis, E. 113 (1998) 346
Lidorikis, E., Busch, K., Li, Q., Chan, C.T. and Soukoulis, C.M., Wave propagation in linear and nonlinear structures 113 (1998) 346
Lindenberg, K., see Brown, D.W. 113 (1998) 267
Longtin, A., see Mensour, B. 113 (1998) 1
Lorenzo, J.P. and Aubry, S., Insulator–metal transition versus temperature for the CDW of the 1D adiabatic Holstein model 113 (1998) 276

MacKay, R.S., see Baesens, C. 113 (1998) 242
MacKay, R.S., see Sepulchre, J.-A. 113 (1998) 342
Mais, H., see Zorzano, M.P. 113 (1998) 379
Maksimović, R., see Mašković, Lj.D. 113 (1998) 293
Malomed, B.A., see Flytzanis, N. 113 (1998) 191
Malomed, B.A., see Grimshaw, R. 113 (1998) 26
Martínez, P.J., see Floría, L.M. 113 (1998) 387
Marín, J.L., Aubry, S. and Floría, L.M., Intrinsic localized modes: Discrete breathers. Existence and linear stability 113 (1998) 283
Marín, J.L., see Floría, L.M. 113 (1998) 387
Mašković, Lj.D., Tošić, B.S. and Maksimović, R., Coherent exciton solitons in nonlinear lattices 113 (1998) 293
Mazo, J.J., see Floría, L.M. 113 (1998) 387
McKinney, J.C., see Alekseev, K.N. 113 (1998) 129
Mensour, B. and Longtin, A., Power spectra and dynamical invariants for delay-differential and difference equations 113 (1998) 1
Mingaleev, S.F., see Rasmussen, K.Ø. 113 (1998) 134
Mittal, R., see Howard, I.A. 113 (1998) 212

Naert, A., Castaing, B., Chabaud, B., Hébral, B. and Peinke, J., Conditional statistics of velocity fluctuations in turbulence 113 (1998) 73
Neuper, A., see Flytzanis, N. 113 (1998) 191

Page, J.B., see Bonart, D. 113 (1998) 123
Pastor, J.M., see Buceta, J. 113 (1998) 166
Peinke, J., see Naert, A. 113 (1998) 73
Peyrard, M., see Farago, J. 113 (1998) 297
Proctor, M.R.E., see Tobias, S.M. 113 (1998) 43
Proville, L. and Aubry, S., Mobile bipolarons in the adiabatic Holstein–Hubbard model in one and two dimensions 113 (1998) 307

Rasmussen, K.Ø., Christiansen, P.L., Johansson, M., Gaididei, Yu.B. and Mingaleev, S.F., Localized excitations in discrete nonlinear Schrödinger systems: Effects ofnonlocal dispersive interactions and noise 113 (1998) 134
Roncaglia, R. and Tsironis, G.P., The anti-integrable limit of the Holstein model with a nonlinear phonon Hamiltonian: Localization properties 113 (1998) 318
Rössler, T., see Bonart, D. 113 (1998) 123
Rothos, V.M. and Bountis, T.C., The dynamics of coupled perturbed discretized NLS equations 113 (1998) 326
Rubio, M.A., see Buceta, J. 113 (1998) 166

Sancho, J.M., García-Ojalvo, J. and Guo, H., Non-equilibrium Ginzburg–Landau model driven by colored noise 113 (1998) 331
Sepulchre, J.-A. and MacKay, R.S., Discrete breathers in disordered media 113 (1998) 342
Sharma, R., see Howard, I.A. 113 (1998) 212
Soukoulis, C.M., see Lidorikis, E. 113 (1998) 346
Spigler, R., see Bonilla, L.L. 113 (1998) 79
Suhai, S., see Elstner, M. 113 (1998) 338

Takeno, S., Kubota, M. and Kawasaki, K., Theory of quantum nonlinear localized modes in quantum lattices 113 (1998) 366
Takeno, S., see Kivshar, Yu.S. 113 (1998) 248
Takeno, S., see Konotop, V.V. 113 (1998) 261
Tobias, S.M., Proctor, M.R.E. and Knobloch, E., Convective and absolute instabilities of fluid flows in finite geometry 113 (1998) 43
Tognetti, V., see Baroni, L. 113 (1998) 374
Tošić, B.S., see Mašković, Lj.D. 113 (1998) 293
Tsironis, G.P., see Roncaglia, R. 113 (1998) 318

Vaia, R., see Baroni, L. 113 (1998) 374
Valkering, T.P., see Braun, O.M. 113 (1998) 152
Vazquez, L., see Zorzano, M.P. 113 (1998) 379
Vicente, C.J.P., see Bonilla, L.L. 113 (1998) 79

Zhang, F., see Kivshar, Yu.S. 113 (1998) 248
Zorzano, M.P., Mais, H. and Vazquez, L., Numerical solution for Fokker–Planck equations in accelerators 113 (1998) 379